

Serial No. 10/797117

Attorney Docket No. 01-604

**REMARKS**

The applicant notes with appreciation the acknowledgement of the claim for priority under section 119 and the notice that all of the certified copies of the priority documents have been received.

The applicant acknowledges and appreciates receiving an initialed copy of the form PTO-1449 that was filed on 11 March 2003.

Claims 1, 3-11 and 13-15 are pending. Claims 2 and 12 have been canceled. Claims 10 and 11 have been allowed. Claims 6 and 7 have been withdrawn. Claims 13-15 are new. The applicant respectfully requests reconsideration and allowance of this application in view of the above amendments and the following remarks.

The specification has been amended as suggested by the examiner in numbered paragraph 2 of the office action.

Claim 1 was objected to for indicating that the converting means is part of the reference portion. This has been corrected in amended claim 1 by indicating that the reference portion and the converting means are separate parts of the sensor. Therefore, the applicants respectfully request withdrawal of this objection.

Claims 1, 8, and 9 were rejected under 35 USC 102(b) as being anticipated by WO 2001/42775 to LG. The applicants respectfully request that this rejection be withdrawn for the following reasons.

Claim 1 has been amended to include the limitations of claim 2, which was said to be allowable if written in independent form. Therefore, claim 1 is considered to be in condition for allowance.

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Claims 8 and 9 depend on claim 1 and are therefore considered to be in condition for allowance based on dependency.

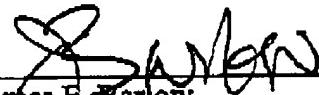
Claim 1 is generic, and withdrawn claims 6 and 7 depend on claim 1. Since claim 1 is believed to be in condition for allowance, claims 6 and 7 should be rejoined and examined. Claims 6 and 7 are considered to be in condition for allowance based on dependency.

Claims 13-15 are new. Claim corresponds to original claim 3 written in independent form. Claims 14 and 15 correspond to original claims 4 and 5, respectively. Original claim 3 was indicated to be allowable if written in independent form. Therefore, claims 3-5 are considered to be in condition for allowance.

In view of the foregoing, the applicant respectfully submits that this application is in condition for allowance. A timely notice to that effect is respectfully requested. If questions relating to patentability remain, the examiner is invited to contact the undersigned by telephone.

Please charge any unforeseen fees that may be due to Deposit Account No. 50-1147.

Respectfully submitted,



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